ELSEVIER

Respiration Physiology 116 (1999) 215–216

Contents of volume 116

No. 1, June 1999

Research articles

L.M. Baxendale-Cox (USA) Terbutaline increases open channel density of epithelial sodium channel (ENaC) in distal lung 1

K.D. O'Halloran, J.K. Herman and G.E. Bisgard (USA) Respiratory-related pharyngeal constrictor muscle activity in awake goats 9

T. Trippenbach and D. Flanders (Canada) Interaction between somatic and vagal afferent inputs in control of ventilation in 2-week-old rabbits 25

J. Milerad and H.W. Sundell (USA) Reduced inspiratory drive following laryngeal chemoreflex apnea during hypoxia 35

W.M. St. John (USA) Rostral medullary respiratory neuronal activities of decerebrate cats in eupnea, apneusis and gasping 47

H.W. Mitchell and P.R. Gray (Australia) Assessment of the dynamic relationship between external diameter and lumen flow in isolated bronchi 67

N. Panteleev, F. Péronnet, C. Hillaire-Marcel, C. Lavoie and D. Massicotte (Canada) Carbon isotope fractionation between blood and expired CO_2 at rest and exercise 77

P. Létourneau, S. Dumont, I. Kianicka, V. Diaz, D. Dorion, R. Drolet and J.-P. Praud (Canada) Radiotelemetry system for apnea study in lambs 85

Nos. 2,3, August 1999

Frontiers review

J.P. Mortola (Canada) How newborn mammals cope with hypoxia 95

Research articles

D. Bartlett Jr. and S.L. Knuth (USA) Bladder contractions alter inspiratory termination by superior laryngeal and intercostal nerve stimulation 105

Y.R. Kou, Y.S. Lin, C.-Y. Ho and C.-Z. Lin (Taiwan, ROC) Neonatal capsaicin treatment alters immediate ventilatory responses to inhaled wood smoke in rats 115

I.A. Dreshaj, M.A. Haxhiu, J. Abu-Shaweesh, R.E. Carey and R.J. Martin (USA) CO_2-induced prolongation of expiratory time during early development 125

E. Schlenker (USA) Gender-specific effects of CNQX administered into the arcuate nucleus on ventilatory patterns in rats 133

B. Kopczyńska and M. Szereda-Przestaszewska (Poland) Response of respiratory muscles to intravenous nicotine challenge in anaesthetized cats 145

M. Shirai, S. Ikeda, K.-Y. Min, A. Shimouchi, A.T. Kawaguchi and I. Ninomiya (Japan) Segmental differences in vasodilatation due to basal NO release in in vivo cat pulmonary vessels 159

P.H. Donohoe and R.G. Boutilier (UK) The use of extracellular lactate as an oxidative substrate in the oxygen-limited frog 171

L.I. Sundin, S.G. Reid, A.L. Kalinin, F.T. Rantin and W.K. Milsom (Canada, Brazil) Cardiovascular and respiratory reflexes: the tropical fish, traira (*Hoplias malabaricus*) O_2 chemoresponses 181

K. Iwasaki, T. Ohrui, Q. Wang, K. Sekizawa, T. Akaike, H. Maeda and H. Sasaki (Japan) Combined effects of both bacteria and gastric juice on pneumonia in mice 201

Author index of volume 116 211
Subject index of volume 116 213
Contents of volume 116 215